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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/247,795	02/08/1999	PASCAL OUDET	B-3604-61692	8059

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EXAMINER

CHUNG TRANS, XUONG MY

ART UNIT	PAPER NUMBER
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2181

DATE MAILED: 04/25/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

11/1

Office Action Summary

Application No.

09/247795

Applicant(s)

Ondut

Examiner

X. CHUNG-TRANS

Group Art Unit

2181

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☒ Responsive to communication(s) filed on 4/12/02
- ☐ This action is FINAL.
- ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-8 and 10-17 is/are pending in the application.
- Of the above claim(s) _____ is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 1-8 and 10-17 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
 - ☐ received in Application No. (Series Code/Serial Number) _____.
 - ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

*Certified copies not received: _____

Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☒ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other _____

Office Action Summary

Art Unit: 2181

1. This is responsive to the remark filed on 4/12/02.
2. Claims 1-8 and 10-17 are pending in this application.
3. The finality of the rejection of the last Office action is withdrawn.
4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-8 and 10-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Blackledge et al. (U.S. Pat. No. 5,835,738) in view of Garbus et al. (5,884,027) and/or Kugue (5,911,042).

As per claims 1-4, 10, 12-13, 15-17, the teaching of Blackledge as stated in the Office action dated May 24, 2001 and November 23, 2001 is incorporated by reference. Blackledge does not explicitly disclose a bi-directional address remapping function. However, one of ordinary skill in the art would have found that the address translation of Blackledge must work bi-direction because the communication of one device to another device across the bridges, which includes an address, control information and the data, must work in either direction. Even

Art Unit: 2181

assuming that the Blackledge system does not explicitly disclose such a bi-directional address translation. Garbus and Kugue, however, disclose such a bi-directional address translation (Garbus, col. 22, lines 37-58; and Kugue col. 6, lines 10-14). Therefore, it would have been obvious to one skilled artisan at the time the invention was made to include the teaching of Garbus and/or Kugue in the Blackledge system in order to identify one device from another device across the bridge.

As per claims 5-8 and 11, Blackledge does not explicitly disclose that the bus is a two wire serial bus having one data wire and one clock wire. Official notice is taken that the use of two wire serial bus is well-known in the art for connecting a number of stations. Therefore, it would have been an obvious matter of art recognize equivalent to use a two wire serial bus instead of the parallel bus.

6. Applicant's arguments with respect to claims 1 and 16 have been considered but are moot in view of the new ground(s) of rejection.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Xuong M. Chung-Trans whose telephone number is (703) 305-9772. The examiner can normally be reached on Tuesday-Friday from 7:00 AM to 11:30 AM.


Art Unit: 2181

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Wong , can be reached on (703) 305-3477. The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.



X.M.Chung-Trans



PETER WONG
SUPERVISORY PATENT EXAMINER
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